

ABSTRACT OF THE DISCLOSURE

This invention has as its object to eliminate sensitivity nonuniformity on the plane of an image sensing element irrespective of exchange of a lens. To
5 achieve this object, in an image sensing apparatus which has an image sensing element and can exchange a lens, a memory stores shading correction coefficients respectively corresponding to pixels in a two-dimensional matrix on the plane of the image
10 sensing element, and a correction device makes a correction calculation of pixel data read out from each pixel of the image sensing element by extracting the shading correction coefficient associated with the corresponding pixel from those stored in the memory.